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THE CLINICAL CENTER
DIVISION OF RESEARCH GRANTS

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Dr. Joshua Lederberg
Department of Genetics
The University of Wisconsin
College of Agriculture
Madison 6, Wisconsin

Dear Joshua:

Thank you for your informative letter. Kiyoshi has already written you. He has done a fine piece of work on this problem and I will let him handle the problem alone. He expressed special interest in Gal₄ minus and Gal₅ minus since he has read from one of your articles that lysates of one of these strains render Gal₁ minus Gal positive. As you can see from his data, Gal₁ minus, as well as Gal₆ minus and Gal₇ minus, are all defective in step enzyme number 2. Do you have them identified by other markers? Will recombination, one way or the other, yield Gal-positives?

Tell me more about the cistrans problem which I finally caught up with reading Pontocorvo's lectures held in London in 1949.

Hope to be able to see you at Johns Hopkins this June.

Sincerely,

Herman M. Kalckar

HMK:lh